BOSCH
Invented for life

LE10 Radio Receiver

- **Large number of transmitters can be assigned**
- **Status indication with 2 LED indicators and 2 relays**
- **Easy programming with one button**
- **Multiple connecting possibilities**
- **Wide range of DC power supply**
- **Seven different operating modes**

With its multi-purpose operating modes, the LE10 Radio Receiver can be used in combination with wired or wireless NurseCall systems. The LE10 Radio Receiver is designed to receive radio signals from different Bosch radio transmitters at the frequency of 434.01 MHz.

Upon receiving radio signals from either programmed or not programmed wireless transmitters, the LE10 Radio Receiver reacts by activating its two green and red LED indicators and by switching the relay outputs of its two relays.

Functions

The LE10 Radio Receiver can be set to one out of seven different operating modes in which the device behaves accordingly to different transmitter reception.

Mode 1: Normal

20 wireless transmitters can be programmed. Calls are indicated by LED 2 and Relay 1. A battery-low signal is indicated by LED 2 and Relay 2.

Mode 2: Normal, with LED 2 deactivated at battery-low indication

The same functions as in mode 1 are available, except for the battery-low signal which is not indicated by LED 2, but only by Relay 2.

Mode 3: Dementia

The S37L and S37E wireless transmitters are detected. Relay 1 can be used to lock a monitored door. Relay 2 can be used to interrupt a monitoring loop.

Mode 4: Dementia with Accompany

This mode allows the LE10 Radio Receiver to be connected to a wired NurseCall system, in which the Accompany function can be implemented. Here the LE10 Radio Receiver will wait 10 seconds after receiving a signal from an S37L transmitter. If it detects an S37E transmitter in this lapse of time, then no alarm is generated. If not, then Relay 1 is activated for 2 seconds.

Mode 5: Remote control

20 wireless transmitters can be programmed. Per sequence, only the same transmitter can switch on and off the Relay 1. A battery-low signal is indicated by LED 2 and Relay 2.

Mode 6: Open receiver

No wireless transmitter needs to be programmed. Any transmitter within reception range of the LE10 Radio Receiver can activate the device.

Mode 7: Open receiver with reduced range

Same functions as in mode 6, but with reduced range. This functionality is designed to improve reception of transmitters located closer to the LE10 Radio Receiver.

Installation/Configuration Notes

The following Bosch wireless transmitters are compatible with the LE10 Radio Receiver:

- S37 Wristband Transmitters
- S37L Wristband Transmitters with Locating function
- S37E Wristband Transmitters with Accompany function
- S35 Pendant Transmitters
- ManDown Detectors
- RAC Wireless Contact
- Wireless Smoke Detectors
- NurseCall Carewatches

Parts Included

Quant.	Component
1	LE10 Radio Receiver
1	User manual DE, EN, FR
2	Screws
2	Screw anchors

Technical Specifications

Dimensions (H x W x D)	133 x 82 x 26 mm
Weight	110 g
Housing	ABS
Color	Top: white, similar to RAL 9010 Bottom: charcoal
Frequency	434.01 MHz
Protection class	IP 21
External power supply	8-30 VDC or power supply unit
Current consumption	< 25 mA
Outputs	2 relays, with max 28 V DC or AC, 250 mA maximum
Indication	2 LEDs, one green, one red
Operating temperature range	0°C to 45 °C

Ordering Information

LE10 Radio Receiver	**CRS-URE-0100**
Accessories	
Power supply for Continental Europe	**4998026581C23**
Power supply for Great Britain	**ISA-5X-PSGB**

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